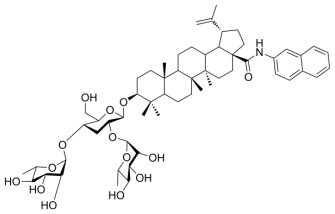
SARS-CoV-2-IN-51

Cat. No.:	HY-149368
Molecular Formula:	$C_{58}H_{85}NO_{14}$
Molecular Weight:	1020.29
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	SARS-CoV-2-IN-51 (S-10) is a potent lead compound of Omicron fusion inhibitor. SARS-CoV-2-IN-51 inhibits Omicron and other variants with EC_{50}s of 0.82-5.45 μM. SARS-CoV-2-IN-51 inhibits SARS-CoV-2 virus entry, by the direct interaction with S in the prefusion state[1].
IC_{50} & Target	SARS-CoV-2[1]

REFERENCES

[1]. Liu M, et al. Optimization, and biological evaluation of 3-O-β-chacotriosyl betulinic acid amide derivatives as novel small-molecule Omicron. Eur J Med Chem. 2023 Aug 5;256:115463.

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